

We claim:

1. A system for interactive dialog management comprising:

a pattern recognition module identifying elements in an input phrase and locating matching patterns in pattern knowledge bases;

5 a discourse control module for regulating a conversation flow in a human-like way and creating a set of suitable outputs corresponding to a particular input based upon the matching patterns and stored goals and emotional information;

an output interface providing the response of the system to the user; and

10 a meta-control module for coordinating work managing the context of a dialog by using information from the discourse control module.

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